

Notice of Allowability	Application No.	Applicant(s)
	09/409,370	CLAUSSEN ET AL.
	Examiner Rachna Singh	Art Unit 2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to Arguments filed 02/28/05.
2. The allowed claim(s) is/are 1-6 and 8-20.
3. The drawings filed on 24 September 2002 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date 05/26/05.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Joseph Burwell on May 10, 2005.

The application has been amended as follows:

1. (Currently Amended) A computer-implemented method of processing a document object model (DOM) tree having a tag located at a given node in the tree, comprising the steps of:

upon encountering the tag, passing given information to a method in a tag handler, wherein the tag handler is registered in a tag library, wherein the tag handler is registered in a tag library, wherein the tag library contains one or more elements defining tags, wherein an element defining the tag contains an attribute for the tag handler that processes an instance of the tag;

having the method generate a string;

parsing the string into a new DOM tree; and

replacing the given node and any child nodes with the new DOM tree.

9. (Currently Amended) A computer-implemented method of processing a document object model (DOM) tree having a tag located at a given node in the tree, comprising the steps of:

upon encountering the tag, generating a first string that is a representation of XML in the DOM tree at the given node and any child nodes of the given node; passing the first string to a method in a tag handler, wherein the tag handler is registered in a tag library, wherein the tag library contains one or more elements defining tags, wherein an element defining the tag contains an attribute for the tag handler that processes an instance of the tag; having the method generate an XML string;

parsing the XML string into a new DOM tree having a root node; and replacing the given node and any child nodes with the new DOM tree, wherein the root node of the new DOM tree is positioned at the given node in the tree.

10. (Currently Amended) A computer-implemented method of processing a document object model (DOM) tree having a tag located at a given node in the tree, comprising the steps of:

upon encountering the tag, passing the given node to a method in a tag handler, wherein the tag handler is registered in a tag library, wherein the tag library contains one or more elements defining tags, wherein an element defining the tag contains an attribute for the tag handler that processes an instance of the tag;

having the method generate an XML string;

parsing the XML string into a new DOM tree having a root node; and
replacing the given node and any child nodes with the new DOM tree, wherein
the root node of the new DOM tree is positioned at the given node in the tree.

11. (Currently Amended) A computer-implemented method of processing a document object model (DOM) tree having a plurality of custom tags, comprising the steps of:

- (a) processing the DOM tree to locate a custom tag;
- (b) upon encountering a custom tag at a given node in the tree:
 - (i) passing given information to a method in a tag handler, wherein the tag handler is registered in a tag library, wherein the tag library contains one or more elements defining tags, wherein an element defining the tag contains an attribute for the tag handler that processes an instance of the tag;
 - (ii) having the method generate a string;
 - (iii) parsing the string into a new DOM tree; and
 - (iv) replacing the given node and any child nodes with the new DOM tree;
- and
- (c) repeating steps (a)-(b)

Allowable Subject Matter

2. Claims 1-6 and 8-20 are allowed.
3. The following is an examiner's statement of reasons for allowance:

The Declaration under 37 C.F.R. 1.131 filed on 1/10/05 under 37 CFR 1.131 is sufficient to overcome the Eduardo Peligri-Lopart et al., *Java Server Page* TM *Specification* (Version 1.1 Public Release, August 18, 1999) reference.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rachna Singh whose telephone number is 571-272-4099. The examiner can normally be reached on M-F (8:30AM-6:00PM). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RS
05/26/05



JOSEPH FEILD
SUPERVISORY PATENT EXAMINER